

CLAIMS

1. Apparatus for illuminating the interior of a building through a roof of the building, the apparatus
5 comprising a light transmissive panel which has an upper surface which is substantially identical in shape to an upper surface of a roof covering and which lies in the plane of the said covering, and a light directing duct which directs light from the panel into
10 the interior of the building.
2. Apparatus as claimed in claim 1, in which the light directing duct is fitted to an underside of the panel.
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3. Apparatus as claimed in claim 1, in which the light directing duct is sealed to an underside of the panel.
- 20 4. Apparatus as claimed in claim 3, in which the light directing duct is sealed to the panel with a gasket.
5. Apparatus as claimed in claim 1, in which the
25 upper surface of the panel is flush with an upper surface of the covering.
6. Apparatus as claimed in claim 1, in which the covering comprises roof tiles, shingles, slates or
30 roofing sheets, and the panel matches the contour and spacing of one or more roof tiles, shingles, slates or roofing sheets.

7. Apparatus as claimed in claim 1, in which the panel comprises a first light transmissive portion which is aligned with the light directing duct and an opaque portion.

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8. Apparatus as claimed in claim 7, in which the opaque portion is coloured to match the roof covering.

9. Apparatus as claimed in claim 7, in which the
10 opaque portion is textured to match the roof covering.

10. Apparatus as claimed in claim 1, in which the duct passes through an underlay layer of the roof.

15 11. Apparatus as claimed in claim 10, in which the underlay layer is sealed to an outer surface of the duct.

12. Apparatus as claimed in claim 11, in which the
20 underlay layer is sealed to the outer surface of the duct by means of a gasket.

13. Apparatus as claimed in claim 1, in which the panel further comprises an air vent for allowing air
25 from outside the roof to circulate through the duct.

14. Apparatus as claimed in claim 13, in which the upper section of the duct includes apertures which allow air from the air vent to pass into and out of the
30 duct.

15. Apparatus as claimed in claim 1, in which the lower end of the duct is provided with a light transmissive cover.

16. Apparatus as claimed in claim 15, in which the panel and/or the cover are transparent or translucent.

5 17. Apparatus as claimed in claim 15, in which the panel and/or the cover are made from a plastics material.

10 18. Apparatus for venting the interior of a building, the apparatus comprising a venting panel having at least one venting channel, and having an upper surface which is substantially identical in shape to, and lies in the plane of, an outer covering of the building, the interior of the building being vented through the
15 channel.

19. Apparatus as claimed in claim 18, in which the outer covering is a roof covering of the building.

20 20. Apparatus as claimed in claim 18, in which the covering comprises tiles, shingles, slates or roofing sheets.

25 21. Apparatus as claimed in claim 18, in which the venting channel comprises a flow passage formed in or attached to the venting panel.

30 22. Apparatus as claimed in claim 18, in which the venting channel comprises an inlet at an edge of the panel and a plurality of air directing fins associated with the inlet.

23. Apparatus as claimed in claim 22, in which a portion of at least one of the fins is offset relative to the inlet.

5 24. Apparatus as claimed in claim 22, in which at least one of the fins has a corrugated cross section.

25. Apparatus as claimed in claim 22, in which at least one of the fins extends in a direction
10 substantially perpendicular to the inlet opening.

26. Apparatus as claimed of claim 18, further comprising a duct which is in fluid communication with the channel formed in the light transmissive panel, the
15 duct passing into the interior of the building.

27. Apparatus as claimed in claim 18, further comprising a fan which is adapted to assist the flow of air through the panel and/or the duct.